

## Attribute Table of the Moving Area (MA) layers.

Attribute table of the Moving Area (MA) gpkg files (M: mandatory attribute; O: optional attribute). The recommendations for delineating MA based on InSAR and assigning values to each attribute are documented in the [InSAR guidelines](#).

Attribute	Description	Values
Fid (M)	Unique identifier of the polygon.	Automatic filling
MA.ID. (M)	MA + 12 to 15 digits depending on the “Lat.”, “Long.” values. Always 4 digits after the degrees. (e.g., MA34567S123456E means 3,4567° South and 12,3456° East)	Automatic filling
WorkingID (O)	Practical identifier chosen by the operator (e.g., MA_TYR001, TYR002, ... for a moving areas inventory in Tyrol).	Text
Ref.PrimaryID (O)	PrimaryID of the related Rock Glacier Unit in the PM attribute table.	Text
Vel.Class (M)	Velocity class documenting the overall movement rate observed in a MA during a considered time frame and according to a specific observation time window. It refers to a multi-annual surface velocity representative of the rock glacier creep rate. Using InSAR, it refers to the velocity observed in the radar line-of-sight (LOS) using a dataset covering several months and/or years during a specified observation time window (“Time.Obs.”).	0. Undefined 1. < 1 cm/yr (no movement up to some mm/yr) 2. 1–3 cm/yr (some cm/yr) 3. 3–10 cm/yr 4. 10–30 cm/yr (some dm/yr) 5. 30–100 cm/yr 6. > 100 cm/yr (m/yr and higher)
Time.Obs. (O)	Sensor type used to perform the characterisation is documented here. Observation time window (period during which the detection and characterisation is computed/measured, i.e., which months/seasons), and temporal frame (total duration during which the periodic measurements/computations are repeated and aggregated for defining the moving area, i.e., which year(s)).	Text containing: SENSOR(s)_OBSERVATION-TIME-WINDOW TEMPORAL-FRAME e.g., with InSAR data: S1 Summer Y1–Y2 (velocity observed from Sentinel-1 with an observation time window in summer, each year between year Y1 to year Y2) TSX Summer Y1, Y2, ... (velocity observed from TerraSAR-X with an observation time window in summer, at year Y1, year Y2, etc.) CSK Annual Y1–Y2 (velocity observed from Cosmo-SkyMed with an observation time window of one year, each year in between year Y1 to year Y2) ALOS 08–10 Y1–Y2 (velocity observed from ALOS with an observation time window between August and October each year between year Y1 and year Y2) S1 Summer Y1–Y2 and TSX 10 Y3 (velocity observed from Sentinel 1 with an observation time window in summer, each year between year Y1 to year Y2 and TerraSAR-X with an observation time window centred in October of the year Y3)

		Note: “Summer” period must be described into the metadata, and it should be at least 2–3 months
Rel.MA. (O)	<p>Reliability of the detected moving areas.</p> <p>‘Low’: signal interpretation (velocity estimation) <u>and</u> outline are uncertain but there is evidence of movement that needs to be considered.</p> <p>‘Medium’: signal interpretation (velocity estimation) <u>or</u> outline is uncertain.</p> <p>‘High’: obvious signal and best appropriate configuration (e.g., slope orientation well-aligned with the LOS when using InSAR).</p> <p>Reliability values are shown next to the polygons in the QGIS project.</p>	<p>0. Low</p> <p>1. Medium</p> <p>2. High</p>
Comment (O)	Comments regarding the detection and characterization (if needed).	Text (250 characters maximum)